

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB2004/000976

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02B21/16 G02B21/06 G02B21/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 154 282 A (PENNEFATHER PETER S ET AL) 28 November 2000 (2000-11-28) column 2, line 66 - column 4, line 51; figure 1	1-15
X	WO 01/61324 A (BARSKY VICTOR ; VENGEROV YURI (RU); YERGOROV YEGOR (RU); MIRZABEKOV AN) 23 August 2001 (2001-08-23) page 3, line 29 - page 5, line 10 page 6, line 10 - page 8, line 3; figure 2	1-15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

3 August 2004

Date of mailing of the international search report

18/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HERMAN P ET AL: "Frequency-domain fluorescence microscopy with the LED as a light source"  J. MICROSC. (UK), JOURNAL OF MICROSCOPY, BLACKWELL SCIENCE, UK, vol. 203, pt.2, no. 8, 2001, pages 176-181, XP002290940  ISSN: 0022-2720  page 177, column 1 - page 178, column 2;  figure 1</p> <p>-----</p>	1-15
X	<p>SILK E: "LED fluorescence microscopy in theory and practice"  MICROSCOPE (USA), MICROSCOPE, MICROSCOPE PUBLICATIONS DIV, USA, vol. 50, no. 2-3, 2002, pages 101-118, XP009034782  ISSN: 0026-282X  figures 3,5</p> <p>-----</p>	1
P,X	<p>G. MAZZINI, N. BARALDO, M. ANGELINI: FOCUS ON MICROSCOPY, 'Online! 16 April 2003 (2003-04-16), XP002290942 GENOVA, ITALY  Retrieved from the Internet:  URL:<a href="http://www.focusonmicroscopy.org/2003/index.html">http://www.focusonmicroscopy.org/2003/index.html</a> &gt; 'retrieved on 2004-08-02!  abstract</p> <p>-----</p>	1

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6154282	A 28-11-2000	CA	2280398 A1	26-04-2000
WO 0161324	A 23-08-2001	RU AU WO	2182328 C2 3705601 A 0161324 A1	10-05-2002 27-08-2001 23-08-2001